



# Installing MacBook Core Duo Bluetooth Antenna

## Tools used in this guide

- ☒ [Phillips 00 Screwdriver](#)
- ☒ [Spudger](#)

## Parts relevant to this guide

- ☒ [MacBook Bluetooth Antenna](#)

### Step 1 - asdf

- ☒ Lift the battery out of the computer.



### Step 2 - Memory Cover

- ☒ Remove the three evenly-spaced Phillips screws from along the rear wall of the battery compartment.
- ☒ The screws are captive to the metal memory cover.



## Step 3

- ❑ Lift up on L-shaped memory cover, slide it to the right, and lift it out of the computer.



## Step 4 - Upper Case

- ❑ Remove the following 3 screws:
  - ❑ One 11 mm Phillips in the middle of the case.
  - ❑ Two 14.5 mm Phillips.
- ❑ If the screws stick in the case, you can use a magnetized screwdriver to draw them out.
- ❑ The shorter of the three screws goes in the middle.



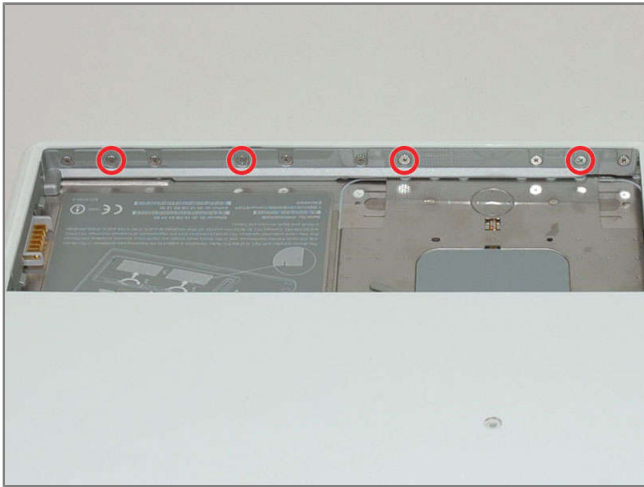
## Step 5

- ❑ Remove the following 3 screws from the rear wall of the battery compartment:
  - ❑ Two 3 mm Phillips.
  - ❑ One 4 mm Phillips on the right side.



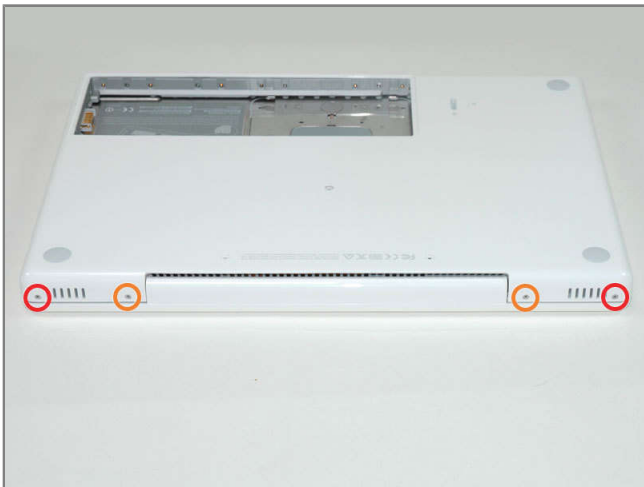
## Step 6

- ❑ Remove the two Phillips screws from either side of the right wall of the battery compartment (not the ones closest to the battery connector).



## Step 7

- ❑ Remove the four indicated Phillips screws from the front wall of the battery compartment. When working from the left, remove the 2nd, 4th, 7th and 9th screw.



## Step 8

- ❑ Remove the following 4 screws from the back of the computer:
  - ❑ Two 7 mm Philips on the far sides.
  - ❑ Two 10.5 mm Phillips toward the center.



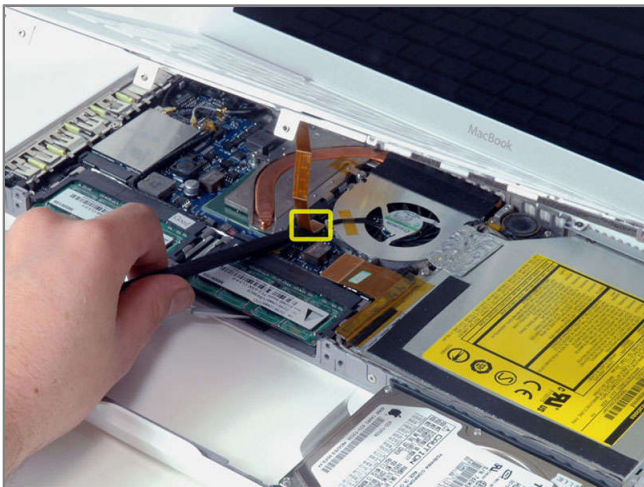
### Step 9

- ❑ Remove the two Phillips screws from the optical side of the computer.
- ❑ It is not necessary to remove the similar screws on the other side of the computer.



### Step 10

- ❑ There's a trackpad and keyboard ribbon connecting the upper case to the logic board, so don't pull the upper case off entirely just yet.
- ❑ Starting near the display and working around to the front of the computer, pry up on the upper case.



### Step 11

- ❑ While holding up the upper case, use a spudger to pry up the orange trackpad and keyboard cable from its connector.



## Step 12 - Optical Drive

- ✖ Grasp the white plastic tab attached to the hard drive and pull it to the left, removing the hard drive from the computer.



## Step 13

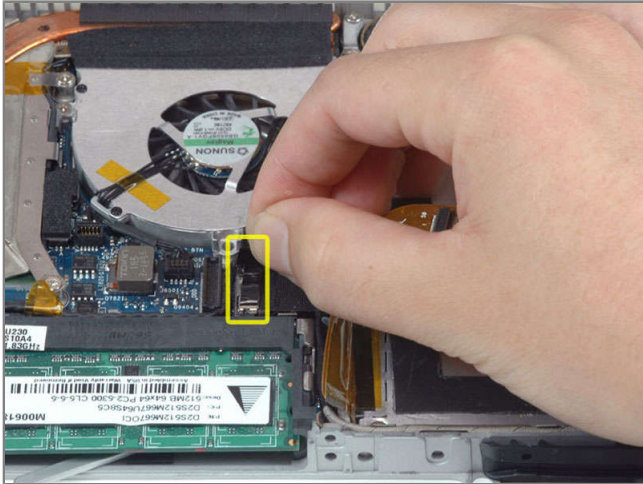
- ✖ Remove the two Phillips screws from the front edge of the optical drive.



## Step 14

- ✖ Disconnect the orange optical drive ribbon cable from the logic board.





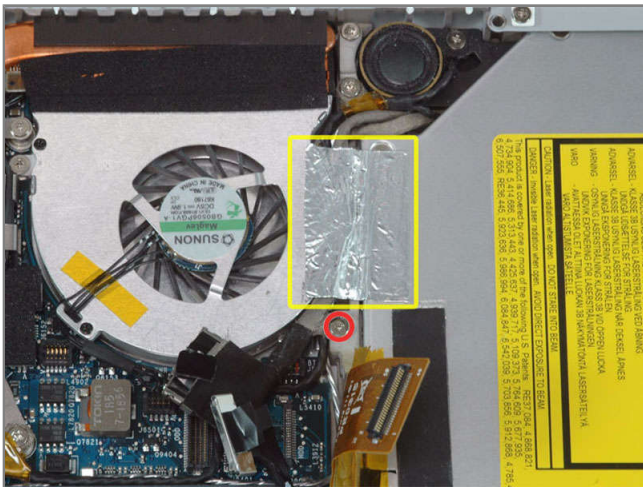
## Step 15

- ✗ Disconnect the newly-revealed display data cable. If there is no pull-tab on the top of the connector, it may be helpful to use a spudger to disconnect this connector.



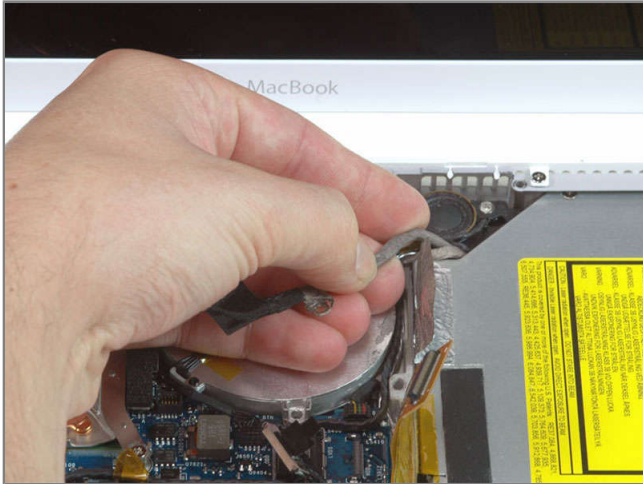
## Step 16

- ✗ Disconnect the (once again) newly-revealed hard drive cable.



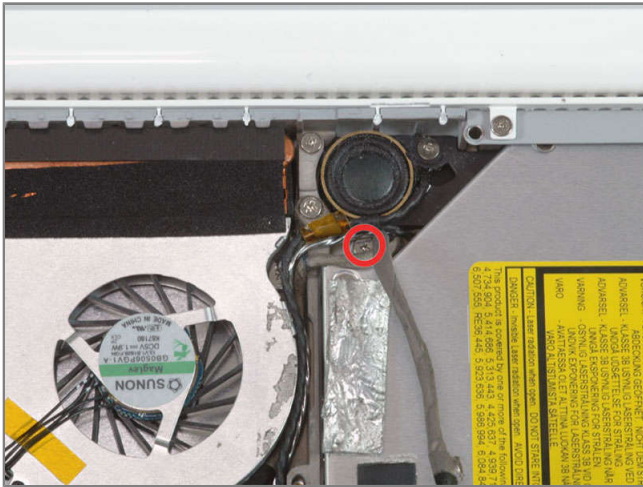
## Step 17

- ✗ Peel up the foil tape between the fan and the optical drive.
- ✗ Remove the Phillips screw securing the display data cable to the metal framework.



## Step 18

- ☒ Pull up the display data cable from along the edge of the optical drive to reveal a silver Phillips screw.



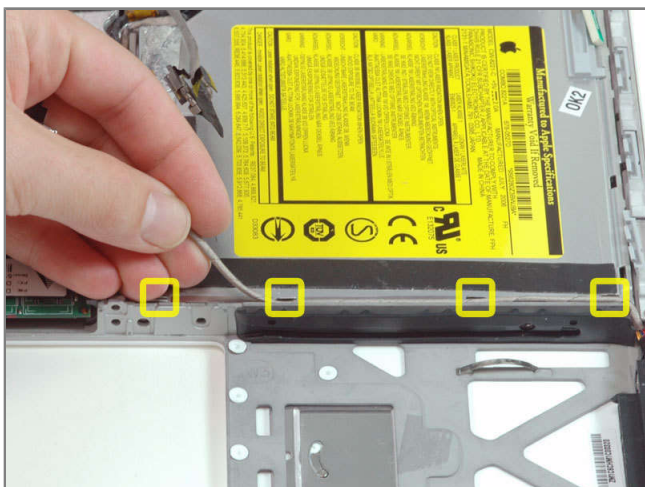
## Step 19

- ☒ Remove the Phillips screw securing the optical drive.
- ☒ The Bluetooth cable may be covering the screw; carefully push it aside before removing the screw.



## Step 20

- ☒ Lift the Bluetooth antenna board from the right side of the optical drive.



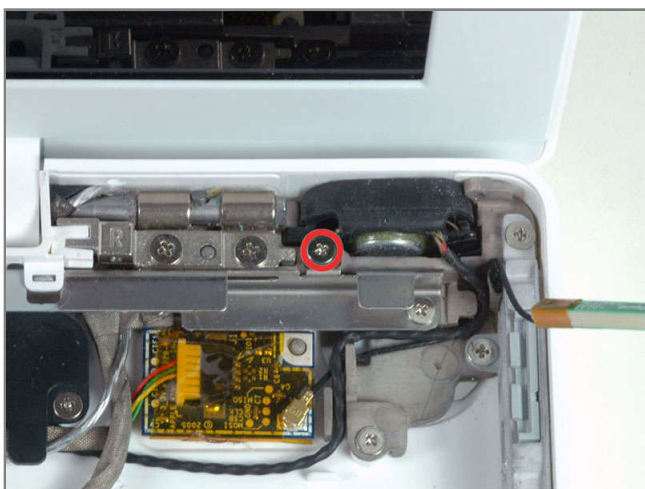
### Step 21

- ❑ Deroute the hard drive cable from along the front of the optical drive.



### Step 22

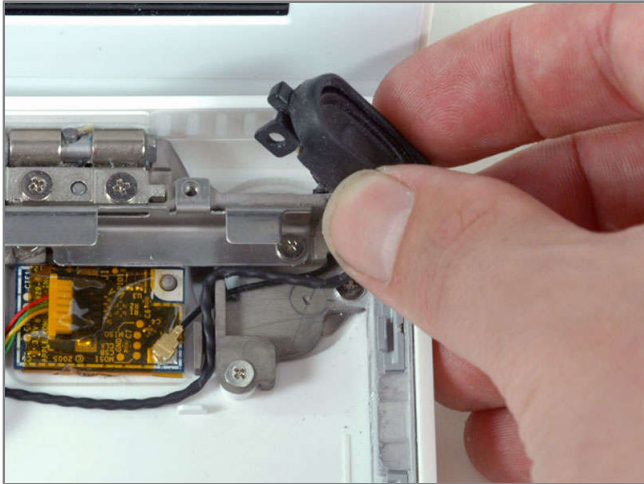
- ❑ Lift the front edge of the optical drive and slide it up and out of the computer.



### Step 23 - Bluetooth Antenna

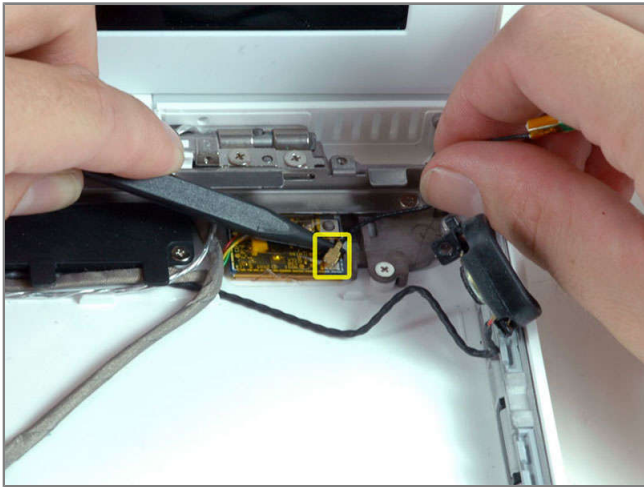
- ❑ Remove the single Phillips screw securing the right speaker to the lower case.





### Step 24

- ☒ Lift the right speaker out of its housing and set it to the side.



### Step 25

- ☒ Use a spudger to disconnect the gold Bluetooth antenna connector from the Bluetooth board.
- ☒ Lift the Bluetooth antenna out of the computer.